



DEPARTMENT OF THE NAVY
NAVAL SUPPORT ACTIVITY WASHINGTON
1411 PARSONS AVENUE SE STE. 303
WASHINGTON NAVY YARD DC 20374-5003

5090
Ser N4/192
August 1, 2017

Ms. Karen Crumlish
Chief, Drinking Water Branch (3WP21)
EPA Region III
1650 Arch Street
Philadelphia, PA 19103-2029

Dear Karen Crumlish:

SUBJECT: REVISED TOTAL COLIFORM REPORT, U.S. NAVAL OBSERVATORY

Enclosed is the Revised Total Coliform Report for the monitoring period July 2017 at the U.S. Naval Observatory.

If you have any questions or require further information, please contact Mr. Dane Bowker, Public Works Department Drinking Water Program Manager at 202-433-4191 or email: dane.bowker@navy.mil.

Sincerely,

A handwritten signature in dark ink, appearing to read "Quang Nguyen", is positioned above the typed name.

Quang Nguyen, PE
Acting Installation Environmental
Program Director
By direction of the Commanding Officer

Enclosures: 1. Total Coliform Report
2. Certificate of Analysis for RTCR

Naval Observatory

PWS: DC0000005

July Sampling Report

First Half

Sample Date: 7/12/2017

Total Samples: 1

Total Samples Negative: 1

Total Samples Positive: 0

Sample Number	Sample Point Identifier	Sample Point Name	Collector Name	Compliance Indicator	Sample Collection		Lab Received	Lab Analysis		Sample Comments	Chlorine Residual	Free Chlorine Residual	pH	Temp (C)	Total Coliform Analysis	E. Coliform Analysis
					Date	Time	Date	Date	Time		Value (mg/L)	Value (mg/L)			Result	Result
17G0700-01	NSF-OBSY-59	BLDG 59	Guyan Kularthne	Y	7/12/2017	1226	7/12/2017	7/13/2017	1040		2.10		7.83	27.5	N	N



Microbac Laboratories, Inc.

Baltimore Division
2101 Van Deman Street • Baltimore, MD 21224

Phone: 410-633-1800
Fax: 410-633-6553
www.microbac.com

COVER LETTER

Kosala De Silva
Inspection Experts, Inc
9220 Rumsey Rd., Bay # 5
Columbia, MD 21045
RE: USNO

July 13, 2017
Report No.: 17G0700

The report of analyses contains test results for samples received at Microbac Laboratories, Inc., Baltimore Division on 07/12/2017 13:40.

The enclosed results were obtained from and applicable to the sample(s) as received at the laboratory. All sample results are reported on an "as received" basis unless otherwise noted.

All data included in this report has been reviewed and meet the applicable project and certification specific requirements, unless otherwise noted.

This report has been paginated in its entirety and shall not be reproduced except in full, without the written approval of Microbac Laboratories, Inc.

We appreciate the opportunity to service your analytical needs. If you have any questions, please feel free to contact us.

This Data Package contains the following:

- This Cover Page
- Sample Summary
- Test Results
- Certifications/Notes and Definitions
- Cooler Receipt Log
- Chain of Custody

7/13/2017

Final report reviewed by:

Coretta S. Davis/Project Manager

Report issue date

All samples received in proper condition and results conform to ISO 17025 and TNI NELAC standards unless otherwise noted.

If we have not met or exceeded your expectations, please contact Coretta S. Davis/Project Manager at 410-633-1800. You may also contact Trevor Boyce, President at trevor.boyce@microbac.com. Any complaint about the quality of reported results may be referred to the accrediting authority if such complaints cannot be resolved directly with the customer.



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CERTIFICATE OF ANALYSIS

Inspection Experts, Inc
9220 Rumsey Rd., Bay # 5
Columbia, MD 21045

Project: USNO
Project Number: 15-0011-214
Project Manager: Kosala De Silva

Report: 17G0700
Reported: 07/13/2017 14:06

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Type	Date Sampled	Date Received
NSF-OSBY-59	17G0700-01	Drinking Water	Grab	07/12/2017 12:26	07/12/2017 13:40

Microbac Laboratories, Inc. - Baltimore

Coretta S. Davis, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Original Report

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NSF-OSBY-59

17G0700-01 (Drinking Water) Sampled: 07/12/2017 12:26; Type: Grab

Analyte	Result	Reporting Limit	Units	Limits	Prepared	Analyzed	Analyst	Method	Notes
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Field Analysis

Analyst:	NA	pH:	7.83	Flow (g/min):	NA	Res. Cl (mg/L):	2.1	GW Elev.(ft):	NA
Temp. (C):	27.5	Turb. (ntu):	NA	D.O. (mg/L):	NA	Cond. (umhos/cm):	NA	LEL (%):	NA
ORP (mV):	NA	Volume (L):	NA	Flow (g/day):	NA	Salinity (ppt):	NA	Ambient Temp. (°C):	NA

Microbac Laboratories, Inc. - Baltimore

Microbiology

Coliform, Total	Negative	per 100ml	1.0	071217 1530	071317 1040	ABA	SM 9223B Colilert-18
E. Coli	Negative	per 100ml	1.0	071217 1530	071317 1040	ABA	SM 9223B Colilert-18

Microbac Laboratories, Inc. - Baltimore

Coretta S. Davis, Project Manager

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Original Report

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CERTIFICATE OF ANALYSIS

 Inspection Experts, Inc
 9220 Rumsey Rd., Bay # 5
 Columbia, MD 21045

 Project: USNO
 Project Number: 15-0011-214
 Project Manager: Kosala De Silva

 Report: 17G0700
 Reported: 07/13/2017 14:06

Project Requested Certification(s):

 A2LA (Biology)
 State of Maryland (Drinking Water)

Analyte Certification Exception Summary

No certification exceptions

All analysis performed were analyzed under the required certification unless otherwise noted in the above summary.

Certification List

Below is a list of certifications maintained by Microbac Laboratories, Inc. All data included in this report has been reviewed for and meets all project specific and quality control requirements of the applicable accreditation, unless otherwise noted. A complete list of individual analytes pursuant to each certification below is available upon request.

Code	Description	Certification Number	Expires
Microbac Laboratories, Inc. - Baltimore			
A2LA1	A2LA (Biology)	410.02	04/30/2019
A2LA2	A2LA (Environmental)	410.01	04/30/2019
VA-B	Commonwealth of Virginia (NELAC) - Baltimore	460285	03/14/2018
CPSC	CPSC Testing of Childrens Products and Jewelry	410.01	04/30/2019
Pb	Environmental Lead (ELLAP)	410.01	04/30/2019
FL	Florida - NELAC	E871126	06/30/2018
MD	State of Maryland (Drinking Water)	109	06/30/2018
WV	West Virginia	054	08/31/2017
Microbac Laboratories, Inc. - Richmond			
VA-R	Commonwealth of Virginia (NELAC) - Richmond	460022	06/14/2018

Microbac Laboratories, Inc. - Baltimore



Coretta S. Davis, Project Manager

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Project Manager: Kosala De Silva

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Qualifiers/Notes and Definitions

General Definitions:

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference



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Cooler Receipt Log

Cooler ID:	Default Cooler	Cooler Temp:	1.40°C	Work Order:	17G0700
Custody Seals Intact:	Yes	COC/Containers Agree:			Yes
Containers Intact:	Yes	Correct Preservation:			Yes
Received On Ice:	Yes	Correct Number of Containers Received:			Yes
Radiation Scan Acceptable:	Yes	Sufficient Sample Volume for Testing:			Yes
COC Present:	Yes	Samples Received in Proper Condition:			Yes

Comments:

Chain of Custody Record

1760700

Customer	
Name:	Inspection Experts Inc.
Address:	9220 Rumsey Road, Bay #5
	Columbia, MD 21045

Project Information	
Name:	USNO
Number:	15-0011-214
PO:	

Turn Around Time _____
☒ Standard ☐ RUSH[†]
 Needed By: _____

Compliance _____
☐ Yes ☐ No

Agency:

Contact:	
Name:	Kosala De Silva
Number:	410-715-3939
Email:	kosala@ieinc.net

Sampler	
Name:	Gayan Kularathne
Phone:	240-252-0841
Cert ID:***	0697GK

Report Options

<input type="checkbox"/> EDD	
<input checked="" type="checkbox"/> Email	kosala@ieinc.net
<input type="checkbox"/> Fax	

QC Package

☒ Level I

☐ Level II**

☐ Level III**

☐ Level IV**

[illegible]

Possible Hazard Identification	<input type="checkbox"/> Hazardous	<input type="checkbox"/> Non-Hazardous	<input type="checkbox"/> Radioactive	Sample Disposition	<input checked="" type="checkbox"/> Dispose as appropriate	<input type="checkbox"/> Return	<input type="checkbox"/> Archive
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Number of Containers:	Sampled By (signature)	Printed Name/Affiliation	Date/Time	Received By (signature)	Printed Name/Affiliation
Cooler Number:		Gayan Kulare	07/12/17 1345		H. D. Williams
Temp upon receipt(°C): 1.4°C	Relinquished By (signature)	Printed Name/Affiliation	Date/Time	Received By (signature)	Printed Name/Affiliation
Sample Received on Ice or Refrigerated from Client: Yes / No	Relinquished By (signature)	Printed Name/Affiliation	Date/Time	Received for Lab By (signature)	Printed Name/Affiliation
Radiation Scan Acceptable Yes / No	N/A				

* Please notify lab prior to drop off.

** Surcharge May Apply to add'l QC Packages **07/12/17** Sampler certification ID needed for some agencies.

**** Matrix Types: Air(A), Childrens Product(CP), Food(F), Paint(P), Soil/Solid (S), Oil(O), Wipe(WI), Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

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Instructions for completing the Chain of Custody Record